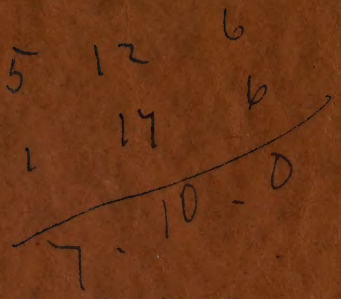
# ELECTRO MEDICAL APPARATUS &

ICALL

ELECTRICAL SPECIALITIES

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# ELECTRO-MEDICAL APPARATUS

and

ICALL
ELECTRICAL SPECIALITIES
REGISTERED TRADE MARK

## Electrical Specialities

FBI
INCORPORATED BY ROYAL CHARTER

ICALL
ELECTRICAL SPECIALITIES



[ca. 1923?]

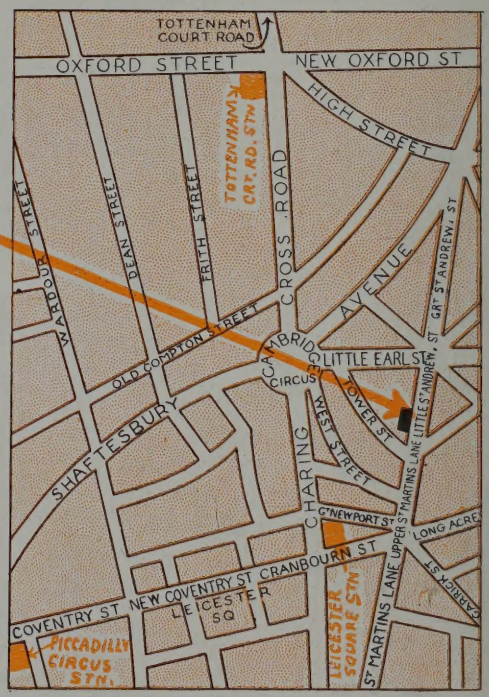
# *Visit our Showrooms*

*A view of our Registered Offices and Showrooms.*

WE welcome a visit to our Showrooms which are devoted exclusively to a permanent Exhibition of all our well-known ICALL products.

The fullest information and advice are always gladly furnished, personal attention is given, and any instrument willingly demonstrated.

All apparatus, accessories, etc., illustrated in this catalogue are conveniently displayed, and the fullest opportunity afforded to customers for the closest examination.




OUR Showrooms are situated in the heart of the West End, mid-way between Trafalgar Square and Oxford Street; close to Leicester Square Tube Station and one minute from Cambridge Circus which is served by buses from all parts of London.

WORKS & STORES
59, North Street,
Clapham,
London, S.W. 4.
Telephone
Battersea 4634

# *I. Calvete, Ltd.*

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WESTCENT, LONDON

Codes
A.B.C. 5th EDITION
WESTERN UNION

ICALL
ELECTRICAL SPECIALITIES

# FOREWORD

IT is our pleasure to submit this new Edition of our Illustrated Catalogue, and we confidently invite you to acquaint yourself with the unique advantages available through the use of the "ICALL" electrical specialities.

The Catalogue is presented in sections carefully arranged for easy reference, the first section introducing various types of the famous "EVERAY" Violet-Ray High-Frequency apparatus and electrodes. The remaining pages of the book are devoted to our other various well-known products and appliances supplied under our "ICALL" Trade Mark. A full reference is given to the "ICALITE" Radiant Lamp, Ultra-Violet Artificial Sunlight Radiation, Massage Vibrators, Hair-Drying Apparatus, etc.

All enquiries will receive immediate attention, and we shall be pleased to supply any further information desired. We welcome a personal visit to our Showrooms, where all our highly interesting electrical specialities can be inspected at your leisure.

## Guarantee

***All our products are guaranteed for a period of one year (from date of sale) against breakdown due to defects in material or workmanship, and we gladly replace without charge any part or parts proving defective. Our motto is "Service," and we will do our utmost to keep customers fully satisfied, but it must be understood that our guarantee is not binding if the damage is caused by misuse or neglect, or if attempts to repair the damage are made outside our factory.***

***Glass Electrodes and Electric Globes are in no way guaranteed.***

Everay
High Frequency
Violet Ray

ICALL
ELECTRICAL SPECIALITIES

# Organisation & Progress *of* I. Calvete, Ltd.

MACHINE SHOP

The rapid advance and development during recent years of Electro-Medical Science has demanded the utmost care and accuracy in the production of apparatus. For those who are responsible for the design and the manufacture of instruments of such importance, it has become increasingly necessary to be alive to the most recent developments, in order to meet the very latest demands of the medical profession and the trade, and to become even pioneers in such advances.

Our energies are mostly devoted to the manufacture of electro-medical apparatus, and, parallel with this, but entirely distinct and separate from it we possess a department for manufacturing Electrical Equipment for the up-to-date Hairdressing Trade, which in recent years has been adopting Electro-Medical Apparatus for treatment of the scalp, massage, etc.

The policy of I. Calvete, Ltd., has always been that of "PROGRESS," and the Laboratory and Research Departments are constantly working out improvements. These departments are in the hands of a competent staff and are provided with the most accurate scientific instruments.

This, combined with painstaking care and almost infinite patience to ensure an efficient service, has resulted in an advancement within a period of ten years to a unique and prosperous position contributed to mostly by the personal supervision of Mr. I. B. Calvete, who is an authority with 25 years' experience.

Almost every component part is manufactured in our own premises. Our Factory and Machine Shops are equipped with machinery working to the finest degrees of accuracy. Every item of the plant is the best procurable, thus ensuring a very high standard of production. The Assembling Shops are equipped with up-to-date testing instruments, so that efficiency and perfection are assured before any apparatus leaves the works. All our products are of our own exclusive design with many features protected by patents.

Worthy of mention is the department for the production of Permanent Hair-waving Apparatus, as it is unique of its kind. It has taken years of patient research to create the special winding machines and testing instruments in order to ensure the never-failing accuracy of the heating temperature.

The firm's export activities have met with definite success and are being extended all over the world. In order to overcome the difficulties of customs and to face the keen competition of Continental manufacturers, we have acquired control of two factories, well-situated on the Continent, in which we shall be manufacturing our famous "ICALL" Specialities to the English standard of quality.

*The photographs on this and the preceding page were taken at our works at 59, North St., Clapham, S.W.4*

# MEDICAL ELECTRICITY

# High Frequency

## and the

# "Everay" Generators

HIGH-FREQUENCY ELECTRIC CURRENT—usually called Violet Ray—is not to be confused with Ultra-Violet Ray or Artificial Sunlight. The High-Frequency Current is produced by conducting the ordinary lighting current through a series of special coils—containing miles of fine wire—causing such tremendous rapidity of electrical oscillation that human nerves are insensitive to it. Science has demonstrated that the sensory nerves are capable of feeling pain from electric waves or oscillations up to 100,000 per second. Therefore, when we produce a current with oscillations higher than 100,000 per second, we can apply it to the human body without fear of causing discomfort.

The "EVERAY" HIGH-FREQUENCY GENERATOR produces a current with oscillations running into millions per second, thus causing no pain or unpleasant sensation whatever; but, on the contrary, giving an immensely smooth discharge and producing an agreeable and refreshing effect. It is mostly applied to the body through a vacuum glass electrode which glows with a light violet or purple fluorescence—hence the name of Violet Ray.

The effect of High-Frequency Current is to increase the blood supply to the spot where it is applied, and to give stimulation to the tissues there. It increases the circulation of the blood and heals local pain or diseased tissue. In addition, the essential secretions of the body are considerably stimulated, the nervous system is invigorated, and the physiological functions are assisted in their work.

In the "EVERAY" Apparatus, the mild electrical discharge through the glass electrode produces thousands of tiny sparks, thus generating ozone with all its therapeutical properties, and the current, passing to the body, carries this ozone with it to the internal tissues.

The application of High-Frequency has the effect of cellular massage, which is very stimulating and beneficial through its therapeutical properties, and it has been found to be very successful in relieving pain and effecting cures in hundreds of different ailments where drugs had failed.

Without a doubt, High-Frequency is tremendously beneficial in the treatment of Rheumatism, and is successfully used in treating falling hair, insomnia, stiff neck and joints, constipation, eye and ear diseases, throat troubles, varicose veins, and also in dentistry.

High-Frequency is also used with great success in Beauty Parlours for Beautifying Treatment, and is very effective indeed for improving the complexion.

There are many makes of High-Frequency apparatus, but very few of them deserve to be in the hands of the medical profession or even adopted for home use. A High-Frequency generator, to be efficient, must be powerful and yet very smooth in its application. This is obtained by properly balanced coils, condenser and interrupter, and producing a very High-Frequency with an even flow of current.

The "EVERAY" Generators are guaranteed to produce TRUE HIGH-FREQUENCY CURRENT. Made of the finest materials procurable, these Generators stand very high in quality; and, because of the excellent service they give, justify the extensive use made of them by Hospitals, Medical Practitioners, Dentists, Hair Specialists, etc.

"EVERAY" Electrodes can now be used for various applications, other than High Frequency Treatment.

In conjunction with special Quartz Electrodes, such as "Gallois" Electrodes, working with Mercury Vapour and filled with Argon Gas, the "EVERAY" Generators can be used for Ultra Violet Radiation, mostly for local applications.

"EVERAY" Generators can be additionally useful as Ozonisers, by means of an attachment of our own invention (see page 13) which is fitted on the side of the apparatus; in this way they produce pure Ozone for purifying the atmosphere and are excellent deodorisers.

The High Frequency "EVERAY" Generator is also very useful for working illuminated signs, such as those known as "Neon" which give very attractive and brilliant lighting effects.

# "Everay" High Frequency

## Violet Ray Portable Generators

### Home Models

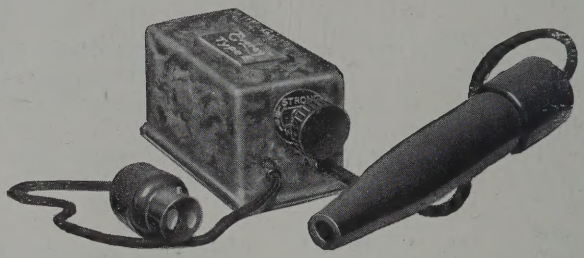
Types A and E are very useful apparatus intended for home use, and are made as simple as possible without interfering with a good output.

They are very efficient instruments and can be regulated to mild, medium and strong currents by anyone not conversant with electrical apparatus. Well-designed for practical service, the current consumption is very economical, being only 20 watts.

Notwithstanding the low price of these generators, they are thoroughly dependable in every way, perfectly simple to use and represent the very utmost in value, both medically and mechanically.

Both these Home Models are supplied complete as per illustration, with electrodes, flexible cord, a bottle of "Everay" Lubricant; also a booklet of instructions containing treatment chart.

Made in the following voltages: 32, 50, 100 to 150, 200 to 250 volts. To work on A.C. and D.C.



TYPE JUNIOR E

Built in a nice container made of moulding material, with one surface electrode.

| MEASUREMENTS | WEIGHT | CODE WORD |
|---|---|---|
| $5\frac{1}{4}$ x $3\frac{3}{4}$ x $3\frac{1}{2}$ inches | $2\frac{1}{4}$ lbs. | "Everaye" |

PRICE **57/6**

TYPE A

Built in Black Leatheroid Case, with three electrodes.

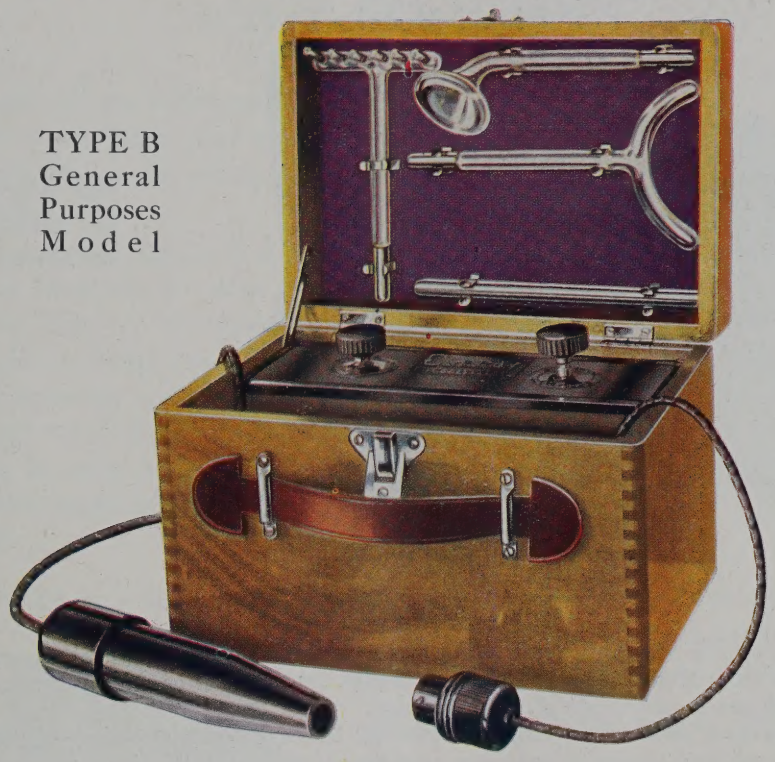
| MEASUREMENTS | WEIGHT | CODE WORD |
|---|---|---|
| $9\frac{1}{2}$ x 6 x 6 inches | $4\frac{1}{4}$ lbs. | "Everaya" |

PRICE **£4 0 0**

# "Everay" High Frequency

## Violet Ray Portable Generator

TYPE B
General
Purposes
Model



**UNIVERSAL VOLTAGE—100 to 250 volts.**
**For direct and for alternating current.**

A thoroughly reliable instrument with a wide range and effective current. The mechanism is made of first-class materials, the coils and condenser are well-balanced, and no metal parts are exposed.

Compactness and usefulness are strong features of this apparatus. It is built in an attractively designed and well-finished case of polished mahogany, with the electrodes firmly held by clips in the velvet-lined lid. A high-frequency current is given, which is far more true and considerably stronger than that given by many other outfits on the market sold at double the price.

Doctors, Nurses, Hairdressers, and the public, too, have acknowledged its unique service, and its dependability in regular use and emergency treatments.

The apparatus bears our usual 12 months' guarantee, but is made to last a lifetime. It is supplied with 4 electrodes as illustrated, special flexible cord, adaptor and hard rubber handle, a bottle of " Everay " lubricant ; also a booklet of instructions containing treatment chart.

| MEASUREMENTS | WEIGHT | CODE WORD |
|---|---|---|
| 9½ in. x 6 in. x 6in. | 5¾ lbs. | " Beveray " |

PRICE **£5 5 0**

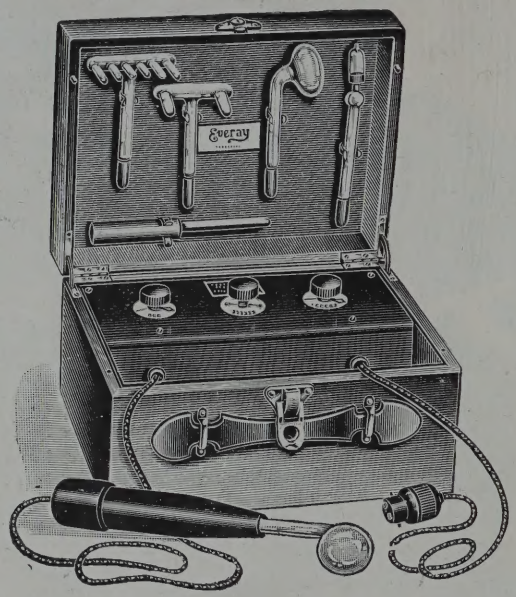
ICALL
ELECTRICAL SPECIALITIES

# "Everay" High Frequency

## Violet Ray Portable Generator

### Professional Model—TYPE C

UNIVERSAL VOLTAGE— 100 to 250 volts




For direct and for alternating current

This larger portable "Everay" instrument has a wide range of strength of current from very mild to extra strong. It is specifically designed for the most exacting work and meets to the full all the requirements of the Profession.

All the component parts are selected and carefully tested before assembling—the trembler interrupter is adjusted to give an unbroken even flow of current, producing a true, very high frequency. The generating unit possesses very high healing properties and a treatment with this instrument is very pleasant; there is no feeling of current or shock, although the output is strong and effective.

This scientifically perfect generator is built in a first-class mahogany case, velvet lined, and thoroughly well finished in all respects.

Three controlling knobs are provided, thus affording a regulation for every special need of the moment. One of the knobs is for determining the voltage and also indicates "ON and OFF" positions. The centre knob controls the strength of the current, and the third knob increases and decreases the frequencies so that very mild currents are obtained quite easily when required.

Electrodes furnished are one each: General surface, rake comb, spinal, single eye or fulguration and metal saturator. A bottle of "Everay" lubricant and a booklet of instructions with treatment chart are also supplied with the outfit.

When desired, this instrument can be fitted with special windings generating an alternating current of low voltage and producing four to six amperes capable of working a cautery knife. It is advisable to supply this special arrangement for a fixed, and not for universal, voltage.

| MEASUREMENTS | WEIGHT | CODE WORD |
|---|---|---|
| 12 in. x 9½ in. x 6¼ in. | 8½ lbs. | "Ceveray" |

PRICE **£7 0 0**

| | |
|---|---|
| Special cautery windings, extra ... | ... £1 10 0 |
| Cautery Handle and platinum burner | ... £2 0 0 |

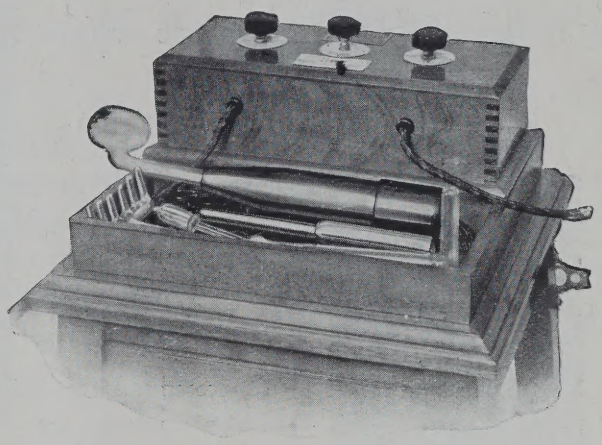
# "Everay" High Frequency

## Violet Ray Generator

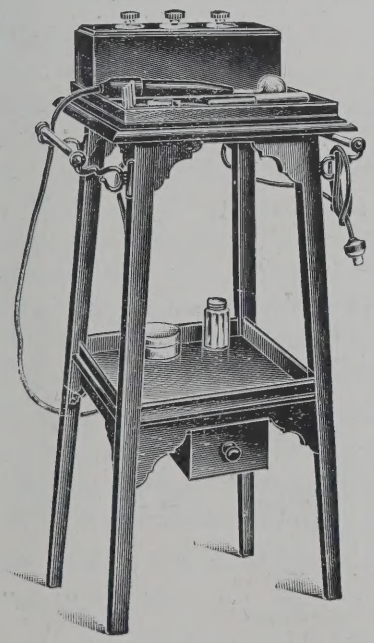
### Pedestal Model—TYPE D

The unit in this instrument is housed in the upper part, only the controlling knobs project to the exterior.

All the parts appertaining to this unit are identically the same as those on Type C; the arrangement also is exactly similar, but as this apparatus is not portable it is not supplied for universal voltage in order to obtain the maximum output on the required voltage.



This model is a fine piece of furniture of very pleasing appearance, being made of highly-polished mahogany and beautifully finished.



MEASUREMENTS
42 ins. x 14 ins.

WEIGHT
16 lbs.

CODE WORD
"Deveray"

PRICE **£10 10 0**

Made also in Walnut or Oak, if desired.

Stocked in the following voltages: 100/150—200/250 volts.

For direct and alternating current.

This generator is supplied with 5 electrodes and can be provided with additional cautery winding and attachment on the same conditions as for Type C.

Although the "Everay" Type D, as specified above, is an excellent instrument, it can, if desired, be made yet more elaborate by the fitting of additional accessories. The apparatus, when required, can be supplied with a larger panel in the upper part, fitted with a high-class Milliammeter or a High Frequency Dosimeter. Same can be combined with Cautery Windings and Ozoniser.

If required with any of these additional accessories, we shall be glad to quote a special price.

# "Everay" High Frequency

## Violet Ray Generators

### Battery Outfits for use where no current is available

Storage Battery (2 volts)

It was left to us after many years of experience and study to produce High-Frequency Generators of substantial strength which would not require the current supply from the ordinary lighting system. This is the first time that a *true* high-frequency current has been successfully produced from so low a voltage as four or six volts.

We recommend the use of accumulators of the kind that are usually employed for wireless purposes. Anyone already possessing an accumulator of not less than four volts can work one of our special "Everay" outfits. The consumption is very low (about 18 watts), and an ordinary accumulator of 40 amperes, 6 volts, would give on one charge (costing usually 9d.) at least 40 treatments of 10 minutes' duration each.

Types A, B, C, and D can be supplied to work on 4-6 volts, as above mentioned. They should be specified with the prefix "Battery," viz., "Everay Battery, Type B."

PRICES

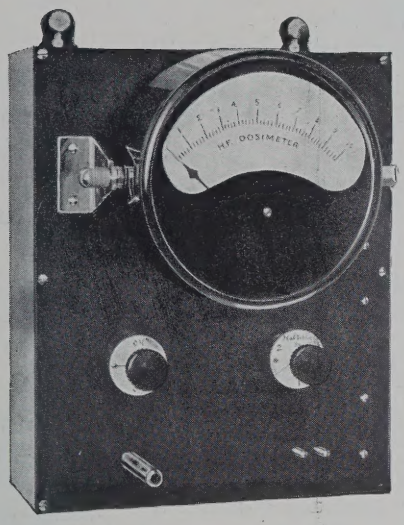
| Types A and B | Types C and D |
|---|---|
| Extra **25/-** | Extra **20/-** |

## Accumulators

| VOLTS | CAPACITY (intermittent) | DIMENSIONS | WEIGHT | PRICE Celluloid containers | PRICE of Crate with leather strap | CODE WORD |
|---|---|---|---|---|---|---|
| 6 | 60 Amps. hour | Height to top terminals, $7\frac{1}{4}$ in.<br>Width ... ... $4\frac{1}{8}$ in.<br>Length ... ... $7\frac{1}{2}$ in. | $14\frac{1}{4}$ lbs. without acid | £2 non-charged | 5/6 | "Acum" |

We advise the purchase of accumulators locally where possible.

# High Frequency Dosimeter




A most ingenious apparatus for the measurement or indication of the amount of High-Frequency current of electricity. The invention is a great help and invaluable guide to the operator, because it makes possible the indication of the dosage either before or during a treatment of High-Frequency. This instrument, the first of its kind, entirely supersedes the crude dosage that has always, until now, been adopted. With this apparatus a doctor, giving instructions to the nurse, may say :— "Fourteen minutes of High-Frequency, registering 6 units on the Dosimeter."

The Dosimeter has an ebonite panel with switches and terminals, and makes a very attractive addition wherever High-Frequency is used by professionals.

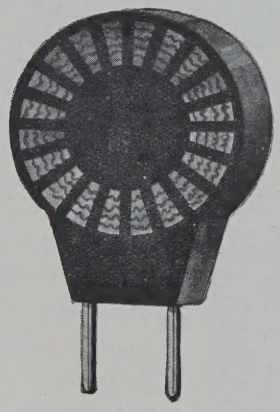
State voltage and if current is D.C. or A.C.

| SIZE | WEIGHT | CODE WORD |
|---|---|---|
| 12 in x 10 in. | 8 lbs. | "Dosimeter" |

PRICE **£12 12 0**

# "Everay" Ozoniser

## Attachment for a High Frequency Generator.



Pure Ozone for the Infirmary, the Surgery, Hospitals, Clinics, Consulting Rooms, or the Home.

An excellent deodoriser, the "Everay" Ozonising Apparatus quickly banishes all kinds of objectionable smells ; it purifies and revitalises the atmosphere by means of pure ozone, free of nitrogen oxides.

The illustration shows the ozonator discharger as an attachment for fitting on the side of a High-Frequency Generator, which has been provided with the necessary holding contacts fitting.

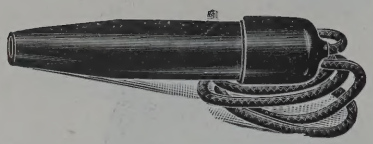
"Everay" High-Frequency Apparatus give off an ideal electrical discharge for the production of ozone. Types A, B, C, and D can be supplied or converted to receive the OZONISER, and are thus able to be used both for High-Frequency treatments and as ozonising apparatus.

| WEIGHT | MEASUREMENT | CODE WORD |
|---|---|---|
| 6¾ ozs. | 6 in. x 4 in. | "Ozon" |

PRICE of the OZONISER attachment and contacts fitting ... ... ... ... **28/-**

ICALL ELECTRICAL SPECIALITIES

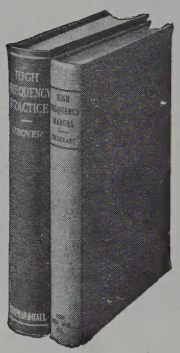
# "Everay" High Frequency Accessories



**Ebonite Handle** with thumb switch control. This handle is fitted with a push, which, when pressed, cuts off the current. It is for the purpose of eliminating the spark when making or breaking contact with the body during treatment.

Any EVERAY apparatus can be supplied with this handle in place of the ordinary one.

Code Word "Handleswitch" Extra cost **9/-**



"'Eberharts' Manual on High Frequency Currents." Containing 320 pages. Illustrated. PRICE **21/-**

Code Word "Eberhart"

"High Frequency Practice," by Burton Baker Grover. Containing 412 pages. Illustrated.

PRICE **21/-**

Code Word "Grover"

**"Everay" Lubricant.** Applied externally. It is very beneficial when used in conjunction with High Frequency treatments. The parts of the body affected should be rubbed with the lubricant before treatment. PRICE **2/6** the bottle.

Code Word "Lubriray"

**"Everay" Inhalent Mixture.** For use with Ozone inhaler electrode No. 25a.

PRICE **1/9** 1 oz. bottle.

Code Word "Inharay"

## "Everay" Spares

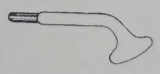
| | CODE WORD | PRICE |
|---|---|---|
| Hard rubber handle with electrode holder without coil or flex ... ... | "Evehand" | **7/-** each |
| Oscillator coil, resonator, for fixing on above handle ... ... ... | "Resonator" | **9/-** ,, |
| Flexible cord, circular, specially made for high frequency ... ... ... | "Eveflex" | **3**d. per ft. |
| Condenser—to suit the average H.F. Capacity—2000 Volts insulation ... | "Evecon" | **4/6** each |
| Electro-magnet coil with bridge and trembler ... ... ... ... | "Evecoil" | **15/-** ,, |
| EVERAY complete unit, comprising: Electro-magnet coil, Condenser, handle, resonator, flex and connections, all wired in small container ... ... ... ... ... ... ... ... | "Eveunit" | **50 -** ,, |

## Repairs

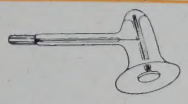
We undertake repairs of any make of High Frequency apparatus.

# "Everay" High Frequency

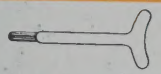
## Glass Electrodes



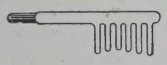
No. 1 General Surface Used for facial and body treatments and for any surface applications. The most serviceable for general use **3/-**



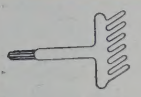
No. 2 Condenser Intensifies the current producing a strong even flow, and at the same time generates electrical heat, which is particularly serviceable in deep-seated cases, such as Arthritic conditions, Lumbago, Rheumatism, Neuritis, Neurasthenia, etc. **12/6**



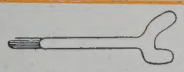
No. 3. External Throat. For ailments of the throat, also arms and legs, specially shaped to fit these parts of the body. Excellent results have been achieved in treating Goitre, Tonsils, Double Chin. **5/-**



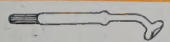
No. 4. Straight Comb. For all Scalp treatments. Falling Hair Grey Hair. Dandruff. **5/-**



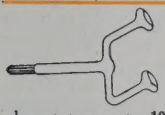
No. 5 Rake. For the same treatment as previous, but offering the variety in shape, which is often preferred Very good for stimulating the hair cells. **4/-**



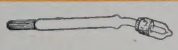
No. 6. Spinal. For all treatments of the spine, shaped so that it fits over both sides of the vertebræ. **5/-**



No. 7. Eye. For stimulating the optic nerve, and most eye troubles. Treatments are most soothing and beneficial. **5/-**

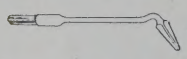


No. 8. Double Eye Same as previous—for both eyes treated together very pleasant treatment **10/-**



No. 9. Fulguration. For removing or destroying warts, moles or growths, skin blemishes, etc. This electrode must be used with mild current and very high frequency, then it will cauterise without shock or pain **6/-**

No 10a. Roller. For use instead of No. 1 or 2 electrodes, it has a very pleasant and penetrating effect, and affords the movement of the electrode without sticking to the flesh **14/-**



No 11 Ear Insulated. Designed for treatment of ear trouble **6/-**

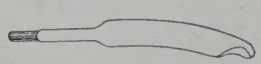
No. 12 Internal Throat Insulated. For Internal Throat troubles. **6/-**

No. 13. Large Metal Electrode. This delivers a strong current without causing muscular contraction, and is splendid as a general tonic and for constitutional effects. For indirect treatment the patient grasps the electrode firmly with one hand, while the operator gently massages the respective parts of the body with both hands or passes his hands lightly over the body with a massaging movement. **3/-**

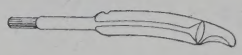
No. 14a. Small Metal Electrode. For use as No. 13. **2/-**

No. 15. Urethral. For gonorrhœa, cystitis, strictures, etc. **6/-**

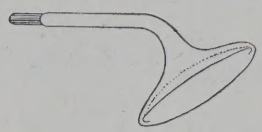
No. 16. Insulated. NASAL for catarrh and other nasal troubles, also URETHRAL as No 15 electrode Its shape will be found also convenient for uterine treatments. **6/-**



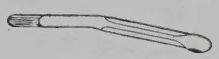
No. 17. Vaginal. Used for ovaritis, leucorrhœa vaginitis and all pelvis inflammations. **6/-**



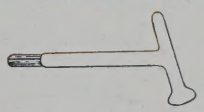
No 18. Vaginal Insulated. **10/-**



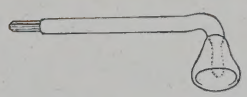
No. 19a. Breast Developer Electrode. Concaved. Also for the relief of inflammation. **8/-**



No. 20a. Prostatic. For treatment of prostatic ailments. **10/-**

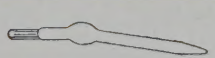


No. 21a. General use. In place of No. 1 in crevices of the face or body. **5/-**



No. 22a. Ionisation Electrode. It will be noticed that the vacuum electrode is seen within a glass cupola which is designed to hold medicament. The electrode does not quite reach the orifice, thereby forcing the current to pass through the medicament before reaching the skin of the patient. With certain drugs this application has been found extremely valuable, and it will be observed that it renders possible empirical treatments of a very varied character The outer glass cupola is insulated, therefore the discharge is confined to the solution. **12/6**

No. 23 Rectal Insulated. For treatment of Piles. Hemorrhoids, etc The posterior urethra may be treated by introducing an electrode into the rectum. **6/-**

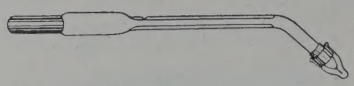


No. 24. Rectal. As No. 23 but plain, $\frac{5}{8}$ in. diameter, can also be supplied in $\frac{3}{4}$ in. and $\frac{7}{8}$ in. **6/-**

ICALL ELECTRICAL SPECIALITIES

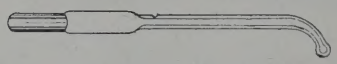
# "Everay" High Frequency

## Dental Glass Electrodes

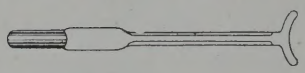


No. 27a. Fulguration, for cauterising.

No. 28. Hollow bulb to apply chemical solutions.



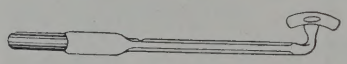
No. 29a. For Pyorrhea treatments.



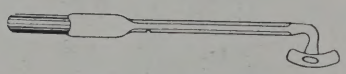
No. 30. Gum, external.

No. 31. Gum, internal.

No. 32. Abscess electrode—cavity.



No. 33. Gum, left side.



No. 34. Gum, right side.

No. 35a. Cataphoretic (Ionisation).

No. 36. Gum, external, straight.

PRICE. All **6/-** each.

**"Everay" Glass Electrodes** are made of best grade soda glass which withstands both contraction and expansion and which possesses great mechanical strength. They are highly finished and fitted with 11 m/m metal plug ends which fit almost any make of high frequency generator.

Each electrode is tested before leaving our glass department, packing is carefully done and orders, large or small, are executed without delay owing to our big output.

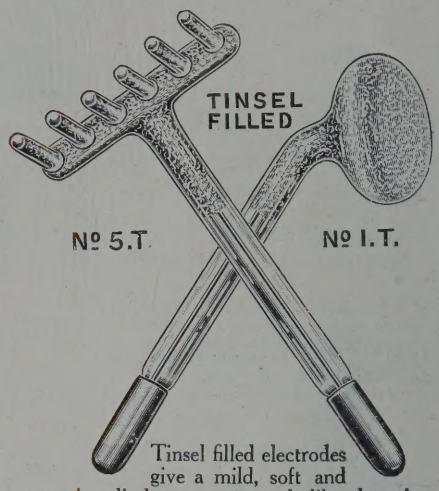
We make electrodes of every description, to suit any apparatus, in a short time, at low prices.

The term "Insulated," when used in connection with electrodes, means that the whole surface of the glass is not active and that it will only discharge at the extremity.

When using a plain electrode for an orifice much of the current is lost at the first point of contact, but if an insulated electrode is used the current is conveyed to the desired point without loss.

GLASS VACUUM ELECTRODES DO NOT COME UNDER OUR USUAL ONE YEAR GUARANTEE but we gladly replace any electrode proving defective on delivery.

## Non-Vacuum Electrodes



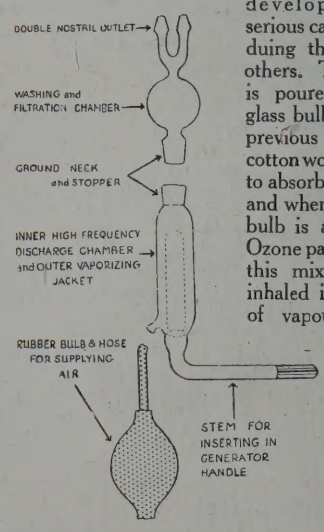

Tinsel filled electrodes give a mild, soft and penetrating discharge, very much like that given by No. 2 electrode. They have become very popular since we first introduced them to the market because they are very economical in use and never require replacements.

PRICES. No. 1 T, **5/-**. No. 5 T, **8/-**.

Electrodes other than No. 1 and 5 can be supplied tinsel filled at a small extra charge.

## Ozone Inhaler Electrode

No. 25a. For bronchial and lung troubles, a constant volume of ozone is given off, checking the development of serious cases and subduing the attack of others. The inhalent is poured into the glass bulb at the top; previous to that cotton wool is inserted to absorb the inhalent and when the rubber bulb is agitated, the Ozone passes through this mixture and is inhaled in the form of vapour. When using the Ozone Generator insert same as any other electrode, the hand must grasp the glass stem.


DOUBLE NOSTRIL OUTLET
WASHING and FILTRATION CHAMBER
GROUND NECK and STOPPER
INNER HIGH FREQUENCY DISCHARGE CHAMBER and OUTER VAPORIZING JACKET
RUBBER BULB & HOSE FOR SUPPLYING AIR
STEM FOR INSERTING IN GENERATOR HANDLE

PRICE. Complete with all attachments and small bottle of the inhalent ... **24/-**

# Vibratory Massage Apparatus

## "Icall" Electric Vibrators

RAPID vibration for massage, as obtained with the ICALL apparatus, is widely used in the treatment of many ailments; vibration is the ideal aid to Nature's own methods of relieving congestion and stimulating flabby muscles. It increases the circulation of the blood and if properly used will build up tissues maintaining the youthful contour of the muscles.

Practical massage must depend upon the symptoms of ailment and the condition of the patient; but in every case applications should be made with general movement following the venous circulation; always rub in the direction of the veins, towards the heart.

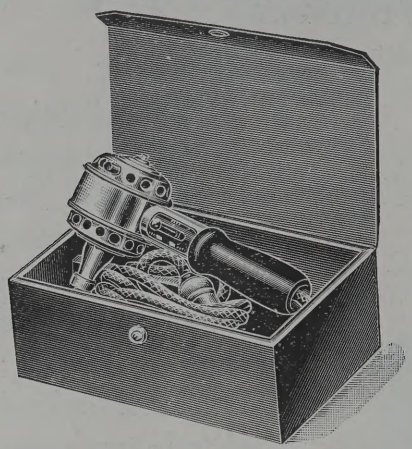
Vibratory massage is most beneficial in the treatment of Rheumatism, Intestinal and Digestive Disorders, Headache, Stiff Neck, Varicose Veins, Excess of Fat, Fading Beauty, Falling Hair, and a wide variety of other ailments.

Vibratory massage apparatus in general use are driven by small electric motors; they are supplied in different types to suit every purpose, and when used in a clinic or hospital the type adopted is more elaborate and powerful than the kind of Vibrator made for home use. Our ICALL Vibrators No. 2 and No. 3 are made to stand heavy work, being provided with motors specially built for the purpose, which are very powerful yet almost noiseless, and will run for hours without overheating.

ICALL ELECTRICAL SPECIALITIES

# Vibratory Massage Apparatus

## "Icall" No. 1. Hand Model for Home Use



CODE WORD "Icalone" — WEIGHT 4 lbs.

PRICE. **£2 15 0**

Special Voltages or Cycles, **12/6** extra. (See ICALL No. 2)

This Vibrator is made as simple as possible, the most essential parts are strong and the electric motor is quite substantial. It is light in weight, easy to control, has two different speeds, also "off" switch.

The metal case is nickel-plated and gives the appearance of a finely finished appliance.

Supplied in a convenient carrying case with four applicators.

When ordering, state voltage, also if for D.C. or A.C. and in the case of A.C. give number of cycles of the supply.

## Applicators and their uses

No. 1.

No. 1b.

**Rubber Cup** for massage of the Face, Neck, Chest and general development of the body; most suitable for general use.

No. 1a. Same as above but flat.

No. 2.

No. 2a.

**Rubber Prongs** for massaging the Scalp when treating for Dandruff and Falling Hair, also for Hair culture.

No. 3. **Rubber Sponge** for massaging sensitive parts of the body and for facial massage.

No. 3a. **Special Brush,** very soft with prongs of aluminium. Suitable for same purposes as applicator No. 2.

No. 4. **Hard Wood** for heavy body massage, developed muscles and abdomen.

No. 5. **Hairbrush** for same purposes as Nos. 2 and 3a.

PRICE. No.'s 1, 1b, 1a, 2, 2a, 4, **2/- each.** No.'s 3, 3a, 5, **3/6 each.**

Average weight of each, 1 oz.

The above applicators are usually supplied with metric thread which is generally considered as standard, but when desired they can be supplied with Whitworth Thread.

# Vibratory Massage Apparatus

## "Icall" No. 2 Hand Model De Luxe

This machine embodies the very best features of the latest Electric Vibrators, and is unsurpassed by any on the market. It is a highly-finished apparatus, in the manufacture of which nothing has been sacrificed that is in any way essential to the perfect instrument. It gives the true rotary stroke and a uniform, powerful vibration, which can be regulated for heavy or light massage. The motor is a mechanical and electrical masterpiece, is almost noiseless, and will give a lifelong, never-failing service.

A first-class aluminium casting encloses the mechanism and all parts have been standardised for replacement when necessary.

The motor is of the kind known as universal for A.C. or D.C.; but the voltage, current and cycles should be specified when ordering, for the purpose of testing on a similar supply.

The Vibrator is supplied in a first-class carrying case and is complete in every respect with five high-grade applicators and oiler.

CODE WORD
"Icaltwo"

WEIGHT
With case and accessories
4½ lbs.

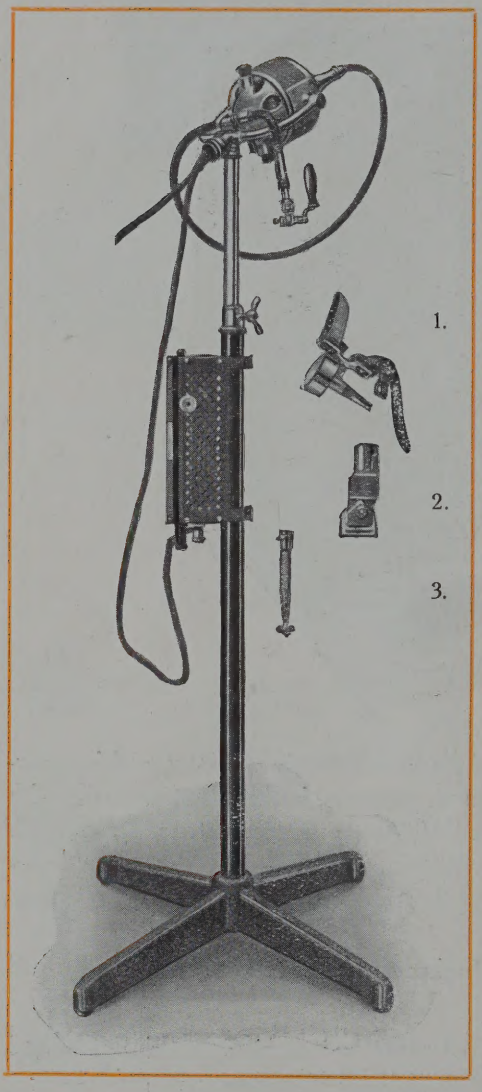
100/120, 150, 200 to 250 volts,
PRICE **£4 17 6**

6, 25, 32, 55 volts and over 60 cycles,
PRICE **£5 10 0**

ICALL ELECTRICAL SPECIALITIES

# Combined Apparatus "Icall" No. 3

## Pedestal Model for Massage, Haircutting, Manicure and Chiropody.




This machine is very efficient for heavy work, being fitted with a specially made electric motor, wonderfully silent running yet tremendously powerful, it will not become overheated if worked continually. The vibratory revolutions are smoothly transmitted through a strongly protected flexible tube to the attachment, on which are fixed the applicators.

In a convenient position at the side, a sliding rheostat is provided for the variation of speed.

The stand is highly finished and fitted with castors.

This apparatus, being the most perfect made, can be absolutely relied upon to give the highest possible standard of service at all times.

When ordering A.C. motors it is necessary to state the voltage as well as the number of cycles of the supply.

The above illustration shows the improved feature of the flexible transmission, which is provided with a device for interchanging several attachments thus enabling the operator to use the following :—Hair Clipper, Vibro Massage with Applicators, Finger Massage by Transvibro, Manicure and Chiropodist attachments for grinding and polishing.

This instrument is supplied—unless otherwise specified—as a massage apparatus with 5 applicators. Other attachments are charged extra.

| | PRICE | WEIGHT | CODE WORD |
|---|---|---|---|
| Complete Pedestal Vibro Massage ... ... ... | £15 15 0 | 28 lbs. | "Icalthree" |
| Transvibro, No. 1 ... ... ... ... ... | £1 5 0 | 9 oz. | "Transvibro" |
| Clipper, No. 2 ... ... ... ... ... ... | ~~£1 10 0~~ | 8 oz. | "Clipperat" |
| Manicure or Chiropodist Attachment, No. 3, complete with 8 accessories ... ... ... ... | £1-15-0 £2 0 0 | 8 oz. | "Manic" |

# Radiant Therapy
## by means of
## Light and Heat Energy
# The "Icalite" Lamp

INFRA-RED ENERGY is one of Nature's most natural healing forces. Light and Heat Rays do not depend on the actual heat generated in the lamp, their therapeutic efficiency comes from their wave-length and penetrating power, which, upon passing through the tissues are converted into heat energy due to the resistance set up by the tissues.

Radiant Light and Heat, as generated by the ICALITE Lamp, increase and equalise circulation and cellular activity, open the sweat glands, and induce active metabolism; these rays are germicidal and erythematic in action—they induce relaxation of tissue with relief of pressure and pain.

To secure satisfactory results in Radiant Therapy, it is most important that the reflector should throw the rays in parallel, as is the case with the ICALITE Lamp; parallel rays penetrate very deep into the tissues very much like the action of the Sun's Rays.

The focal point or hot spot has been entirely eliminated, and only a straight beam of light is delivered, which should fall perpendicularly to the body, keeping the reflector about 20 inches from the patient.

The absence of shadows and hot-focal points in the ICALITE affords great comfort in its application; the necessity for keeping the lamp in motion, or for holding it at a distance to prevent burning, is a common defect in other lamps, but with the ICALITE this is avoided.

Radiant Therapy has been found most beneficial in the treatment of Lumbago, Neuritis, Rheumatism, Arthritis, Neuralgia, Sprains, Sciatica, Dislocations and Contusions, Bronchitis, Pleurisy, Cold Extremities, Pneumonia, Anæmia and Jaundice, Pelvic Pains, etc.

Screens of different colours are provided for the ICALITE, as they give means of altering the light's wave-length, thus affording their different healing and penetrating effects.

Both large and small types are supplied with a switch, which forms part of the apparatus and is very convenient for the operator.

ICALL
ELECTRICAL SPECIALITIES

# The "Icalite" Radiant Therapy Lamp

## Large Model on Stand

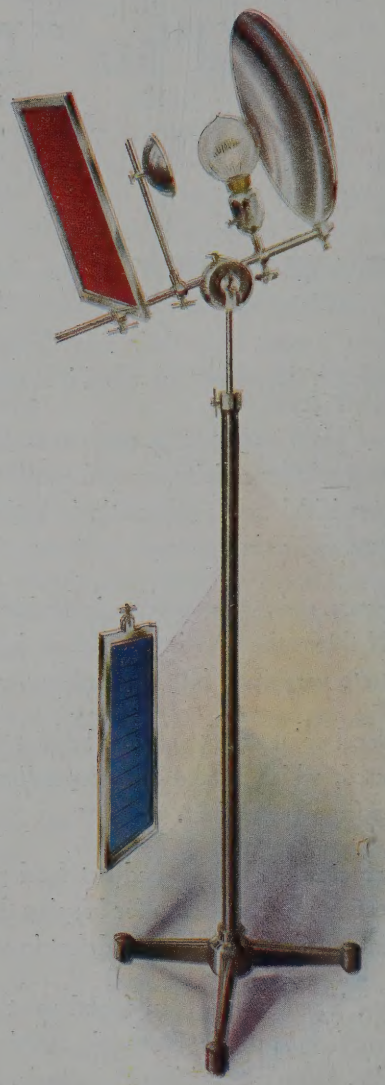
Since we originated in England this type of reflector for Radiant Therapy, it has been so successful that imitations of it can be found everywhere; but the type copied by competitors is primitive, having a somewhat crudely constructed reflector. Our new improved model, here illustrated, is the product of many experiments and careful calculations, resulting in maximum efficiency, combined with comfort and easy application.

The reflector is 13 inches in diameter, which affords good results over a large area. In front of the lamp is a device which has the effect of collecting all rays which might otherwise go astray and directing them over the illuminated area, thus increasing by more than 20% the intensity of light and heat.

The specially coiled filament bulb is scientifically designed for the purpose, consuming only 350 watts.

The stand can be adjusted for height, and the top arrangement can be tilted and fastened to any angle.

The coloured screens are of special glass and strongly framed, supplied in red, blue, orange, and green; those usually adopted are red and blue.



WEIGHT
21 lbs.
CODE WORD
"Largelite"

PRICE,
with one screen,
**£5 10 0**

| | | WEIGHT | PRICE | CODE WORD |
|---|---|---|---|---|
| Glass screens. | Red, Blue, Orange or Green ... ... ... | 1 lb. 12 ozs. | 18/- | "Larenlite" |
| Bulbs, Special. | 350 Watts carbon lamp ... ... ... | 2 ozs. | 19/- | "Laramlite" |

ICALL ELECTRICAL SPECIALITIES

# Ultra-Violet Radiation

## Artificial Mountain Sunlight (Actino Therapy)

### The "Solart" Lamp

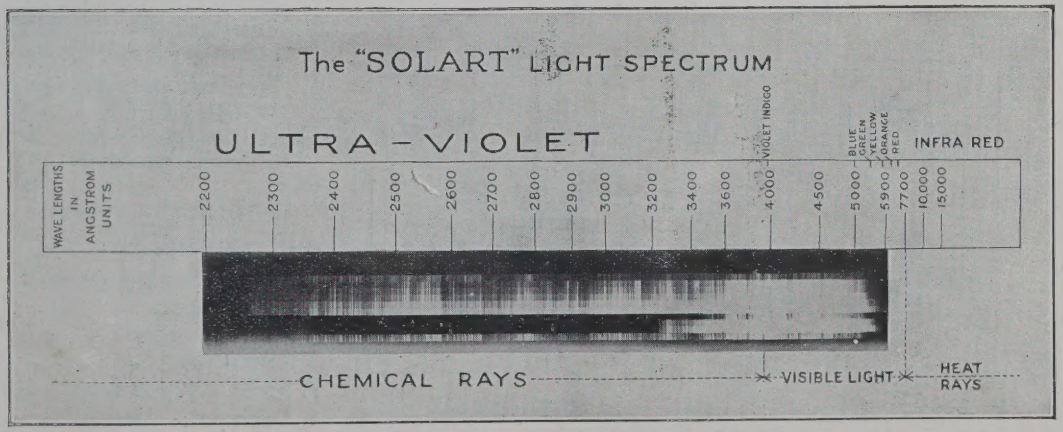
THE value of Ultra-Violet radiation as a therapeutic measure is now fully recognised. All the tonic and invigorating qualities of the glorious sunlight that sparkles on the Alpine snows can now be brought into every home and used at any time, day or night. This has been made possible by the discovery of producing the curative chemical rays known as Ultra-Violet, by means of arc lamps such as our "Solart."

This new science, now called "Actino-Therapy," has given wonderful results in the treatment of rickets, and also in Surgical Tuberculosis; it has proved very beneficial, too, in many other conditions, including sciatica, neuritis, rheumatism, wounds, general debility, neurasthenic conditions, skin affections, and scalp diseases.

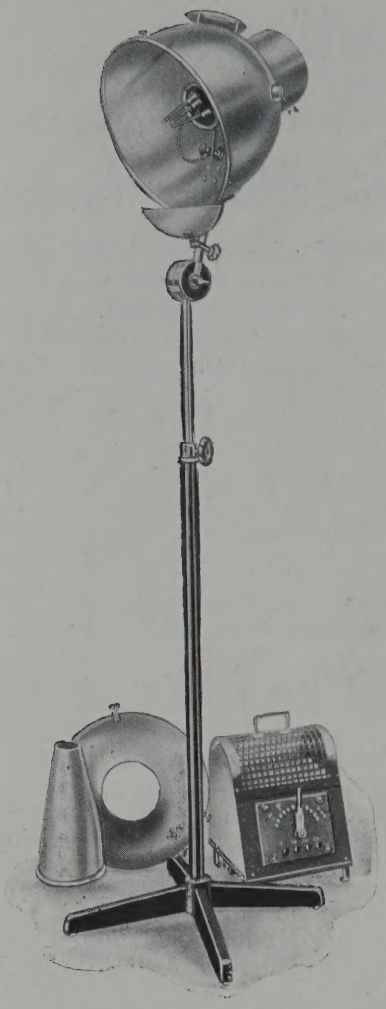
A decidedly beneficial influence on metabolism, appetite, vitality and cheerfulness is noticed in most patients; the turgidity of the tissues returns, and the formerly slack muscles become strong and fresh. Ultra-Violet Rays are of the greatest importance in fighting Tuberculosis, and its application is very extensive, both as an independent therapeutic, and for assisting other therapeutic methods.

Ultra-Violet Rays have wonderful curative properties, but it is so powerful an agent that it must be treated with circumspection. TREATMENT OF ANY KIND OF DISEASED CONDITION BY ULTRA-VIOLET RAYS IS A MATTER FOR A QUALIFIED MEDICAL MAN.

If required for use at home, advice should always be taken from an authority on the subject.




ICALL
ELECTRICAL SPECIALITIES



# The "Solart" No. 2

## Lamp for Ultra Violet Radiation

This Arc Lamp burns two "iron cored" carbon electrodes mounted in parallel with an automatic device for striking the arc, and also for extinguishing when carbons are consumed.

The hood reflector is 13½-in. in diameter with detachable front plate and localising tube.

The most salient feature of the Hood is the reflector fitted in its interior. This is a Parabolic Reflector throwing the Rays in parallel, intensifying the luminous area by more than 50 per cent. and eliminating shadows and hot focal points.

The Lamp is supplied with a convenient stand, adjustable for height and angle, but it can be detached and arranged to hang from the ceiling or from a bracket on the wall.

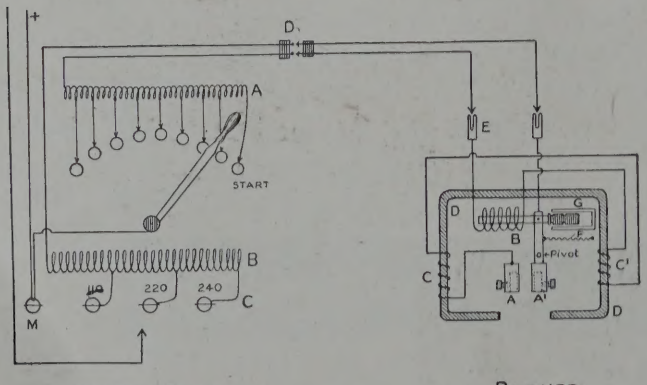
The Solart Lamp can be used on either alternating or direct current, and also on any voltage from 50 to 250 volts, the consumption being 8 to 10 amperes.

This is the ideal lamp for general, local or cavity irradiation.

| CODE WORD | WEIGHT | CARBONS |
|---|---|---|
| "Solartwo" | 38 lbs. | Dozen pairs 6/- |

PRICE of Lamp complete as illustration, 12 pairs of carbons and 2 pairs of goggles ... ... ... **£16 16 0**

## DIAGRAM.




DISTRIBUTING BOARD

BURNER

### DISTRIBUTING BOARD

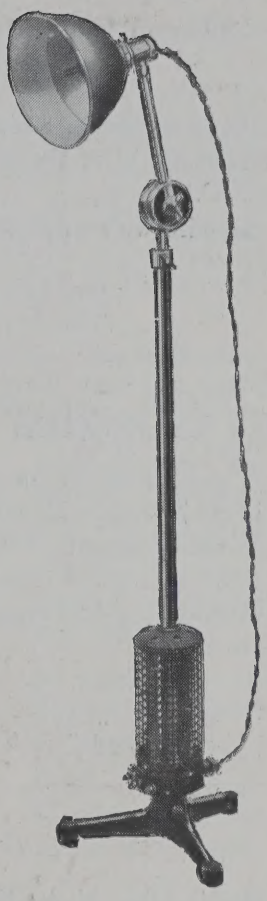
A. Resistance for fine adjusting of current.
B. Resistance for selecting voltage.
C. Terminals for connecting to mains.
D. Plug and socket for connecting to lamp.

### BURNER

A. A' Carbon carriers.
B. Solenoid with plunger.
C. C' Solenoids.
D. Electro-magnet.
E. Terminals.
F. Spring to strike the arc.
G. Dash pot.

# The "Solart" No. 1

## Lamp for Ultra-Violet Radiation



This small Arc Lamp is very convenient for local or cavity irradiation.

The Parabolic Reflector is 8 inches in diameter, it is very efficient and has a great penetrating power. It is provided with a detachable front plate and also with a series of three non-metallic tube specula, most useful for dentistry work, as these enable the rays to be directed upon the different parts of the Buccal Mucous Membrane or the gums.

The Arc is semi-automatic, it is started by a small pressure on a knob placed on the exterior and will then burn until the carbons are consumed. Care should be taken to replace the carbons before they are too short to avoid damaging the carbon sockets.

The consumption of current is very low, 3 to 4 amperes in either alternating or direct current, and the resistance is provided for working from 50 to 250 volts.

PRICE, complete with detachable front plate, 3 mouth tubes, 12 pairs carbons and pair of goggles ... **£7 10 0**

| CODE WORD | WEIGHT | CARBONS |
|---|---|---|
| "Solartone" | 17 lbs. | Dozen pairs, 6/- |

# The "Solart" No. 2 Double

Exactly the same as The "Solart" No. 2 described on page 26, but provided with two burners, mounted in series, and burning 4 carbons. In this way a greater illumination is obtained for the same consumption as the single Arc.

| CODE WORD | WEIGHT | CARBONS |
|---|---|---|
| "Solardouble" | 41 lbs. | Dozen pairs, 6/- |

PRICE, complete with 24 pairs carbons and 2 pairs of goggles ... **£21 0 0**

# "Solart" No. 3

## Home Model — 4 amperes.

Portable, semi-automatic Arc Lamp for Medical or Photographic work. The resistance is at the back of the reflector and is designed for universal voltage, A.C. or D.C.

Supplied with small table stand, 12 pairs carbons and a pair of goggles.

PRICE £5 5 0

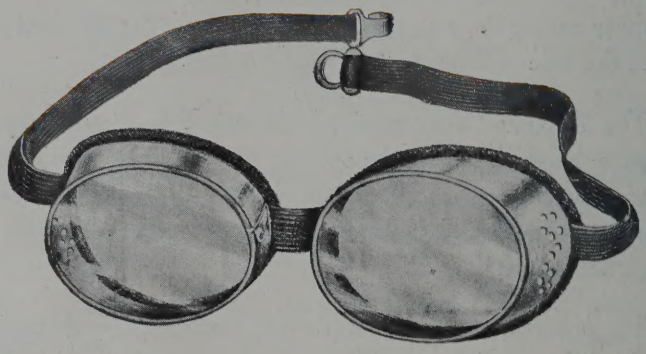
| CODE WORD | WEIGHT | CARBONS |
|---|---|---|
| "Solarthree" | 4 lbs. | Dozen pairs 6/- |

## Goggles

A popular model for use in conjunction with Ultra Violet Treatments. Fitted with guaranteed tested glass, opaque to the dangerous rays.

PRICE, each, 3/-

CODE WORD
"Goggle"



## Spectroscope

Beck's Ultra Violet Spectroscope is a very useful instrument by means of which the wave length of any part of the Ultra Violet Spectrum can be seen and determined at once, and the relative brightness of the Spectrum lines afford an indication of their power.

| PRICE | CODE WORD |
|---|---|
| £8 8 0 | "Beckspec" |

## Medical Books on Actino-Therapy

"Ultra-Violet Radiation and Actino-Therapy," by E. H. Russell, M.D., and W. K. Russell, M.D. 262 pages, illustrated.

| PRICE | CODE WORD |
|---|---|
| 15/- | "Russell" |

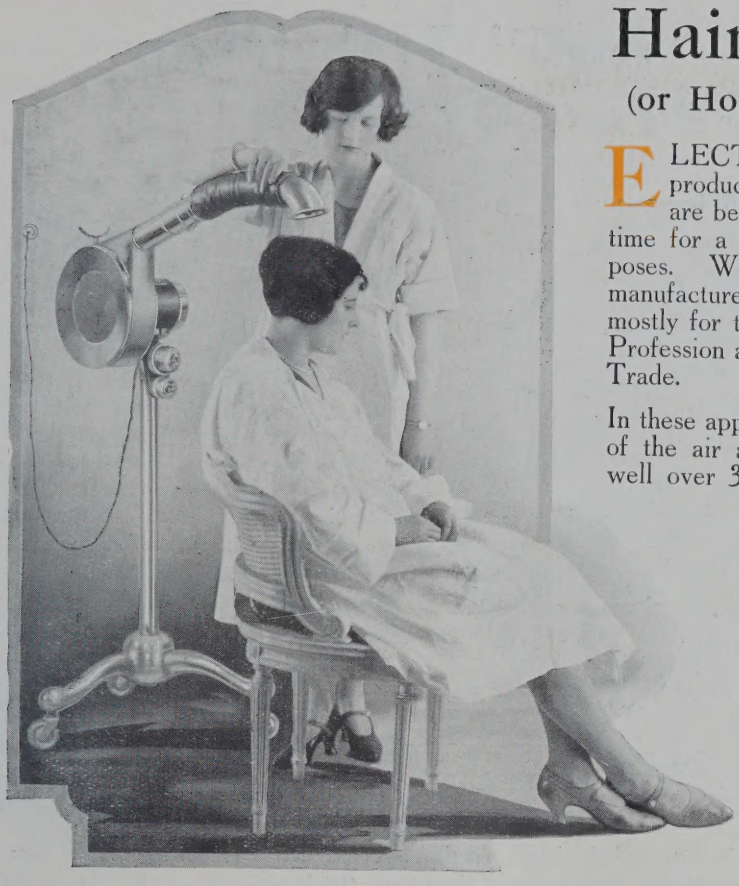
"Artificial Sunlight and its Therapeutic uses," by F. Howard Humphries, M.D., F.R.C.P. 236 pages, illustrated.

| PRICE | CODE WORD |
|---|---|
| 8/6 | "Humphries" |

ICALL ELECTRICAL SPECIALITIES

# Hair-Dryers

## (or Hot Air Douches)



ELECTRIC apparatus for producing hot and cold air, are being used at the present time for a hundred different purposes. We specialise in the manufacture of such apparatus mostly for the use of the Medical Profession and for the Hairdressing Trade.

In these apparatus the temperature of the air at the nozzle is raised well over 300 degrees, and loses heat as the distance increases; the pressure of air is so great that it produces the sensation of massage when it comes into contact with bare flesh.

As used by the Medical Profession, it is of great value in treating Bronchial Catarrh, Abscesses, Erysipelas, and certain infectious and discharging wounds; hot air is convenient for drying such wounds, and in many cases actually relieves pain.

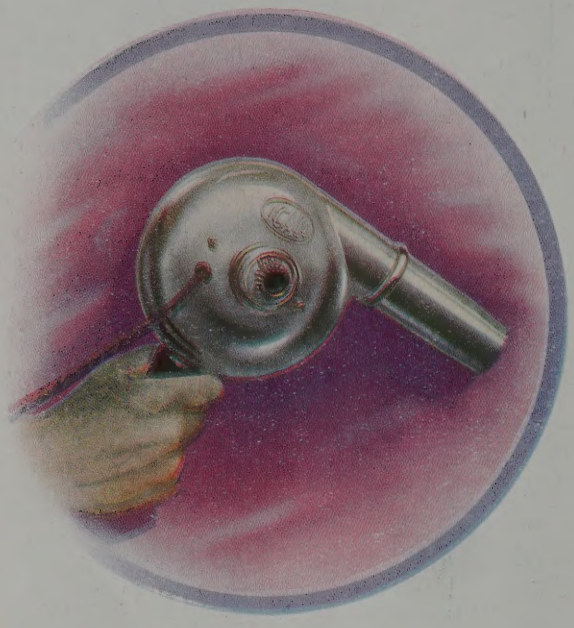
Hairdryers are very efficient for warming beds, linen and towels, drying photographic plates, and for a great variety of other purposes.

In the Hairdressing Trade these apparatus have now become as essential as the hot water supply, and many up-to-date establishments are now installing permanent central hairdrying installations which effect saving of space, and give much better service, with greater efficiency.

All our ICALL hairdrying apparatus, including the hand model, are built for hard professional use. There are many small models on the market, usually offered at low prices, and intended for home use; these must not be confused with our ICALL hand model which is intended both for professional and home use, and will not break down under the hardest work.

# The "Icall" Hairdryer

## (or Hot and Cold Air Douche)



THIS machine is made of the finest material procurable, and combines ingenuity of design with the most exacting care in manufacture. Known as the ICALL dryer, it is unequalled by any other machine in the world.

Fitted with an exceptionally well made electric motor, this apparatus can be put to the most exacting daily use without fear of breakdown. A fan, which revolves around the motor, keeps the mechanism cool.

Worthy of mention is the commutator with 18 sections which is fitted to the well balanced armature, thus affording silent running and a complete absence of sparking on the brushes.

The rotary three way switch is the most reliable made, being the famous "H and H" American type, it gives "Hot," "Cold" and "off" positions. Another excellent feature is the heating resistance which is made of the best nickel-chrome wire wound on a steatite forma, this can be easily replaced, being plugged in with banana pin terminals.

The case of the ICALL dryer is of stamped aluminium, very thick and highly polished; it is made in two parts one half fitting closely into the other, and both held together by the nozzle, and also by the handle which screws into them.

With a machine such as this which can be relied upon to work for long periods, and which gives such a substantial output of air, it would seem difficult to improve upon in usefulness; but we have devised accessories which do still further extend its capacity in this direction. The ICALL Stand will transform this hand dryer into a small Pedestal machine, the two making an excellent combination.

Another useful appliance is the ICALL Diffuser, which is attached after removing the nozzle, this appliance brings down the pressure, and whilst giving the same abundance of air, it increases the surface area.

In this way, the dryer can be used for drying the hair after setting, and when the hair has been permanently waved. It can also be used for drying photographic plates and a variety of other purposes.

| DIAMETER OF CASE | WEIGHT | CODE WORD |
|---|---|---|
| $6\frac{1}{8}$ ins. | 3 lbs. | "Drical" |

| | | |
|---|---|---|
| PRICES. | 100/125, 150, 200/250 Volts ... | £3 0 0 |
| | 25, 32, 55 Volts and over 60 cycles | £3 10 0 |
| | Universal Voltage ... ... ... | £3 15 0 |

ICALL ELECTRICAL SPECIALITIES

# The "Icall" Hairdryer

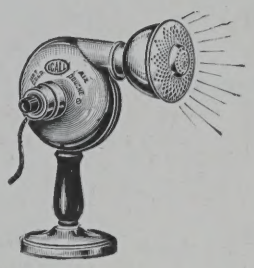
## Fittings, Accessories and Spares

### "Icall" Diffuser

This appliance is very useful for reducing the air pressure, and at the same time distributing the air current over a larger area.
Made of highly polished aluminium.

| WEIGHT | CODE WORD |
|---|---|
| 2½ oz. | "Icadif" |

PRICE **8/-**

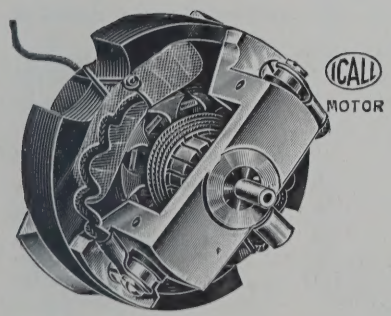


### "Icall" Motor

The illustration shows the exceptionally well made motor used in the ICALL Hairdryer. It is very powerful and practically noiseless. Fuller description is given on page 28.

| WEIGHT | CODE WORD |
|---|---|
| 1¼ lbs. | "Icamo" |

PRICE **33/-**

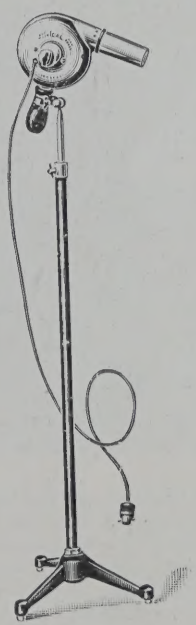


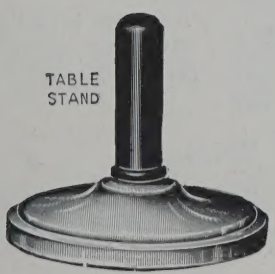

### "Icall" Stand

Substantially made with telescopic action and nickel plated fittings. At the top there is a rotating clip which clamps the handle of the machine, and secures same in any position.
This stand is very useful, it leaves both hands free and takes up very little space; a very good investment for the saloon. The clip is made adjustable so that it can be used for other machines as well.

| WEIGHT | CODE WORD |
|---|---|
| 11 lbs. | "Improved" |

PRICE **30/-**






### Table Stand

Very useful for keeping the machine in an upright position when not in use. Machines left lying about are apt to get damaged.

| WEIGHT | CODE WORD |
|---|---|
| 13 oz. | "Standble" |

PRICE **5/-**

## Spares

| | CODE WORD | PRICE |
|---|---|---|
| Heating resistance, complete, wound | "Heatical!" | **5/-** |
| ,, ,, rewinding only | | **3/9** |
| Carbon Brushes, pair | "Caricall" | **9d.** pair |
| Switch | "Swicall" | **6/3** each |
| Field Coils, any voltage, pair | "Coicall" | **5/-** pair |
| Handle | "Handicall" | **1/9** each |

# The Champion Pedestal Hair Dryer

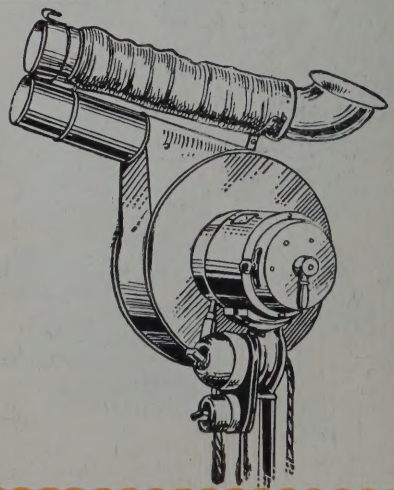
This machine is of irreproachable quality, and is specially recommended for use in busy establishments where time is valuable. It can be set to work instantly, and the amount of air required is easily regulated by a three speed controlling switch with which the motor is provided.

Hot air is obtained either by gas or electricity, in the case of the former the gas burner can be regulated by two independent taps; if the air is to be heated by electricity, a special switching arrangement prevents the heating element being put into operation without the motor being also in circuit. This device—exclusive to the "Champion"—renders the heating element entirely fool-proof.

The Motor is very powerful and runs silently for long periods without overheating. The drum, fan and flexible tube are highly finished and very substantial, and all the fittings are nickel plated. The base is mounted on special large castors and is also nickel plated, under the switch is a swivel on which the whole of the top part swings easily in any direction. The drum rotates on the side, thus enabling the nozzle to be raised or lowered, and by means of a coupling device it can be turned to any desired position.

The Champion Pedestal Dryer is the result of many years experience in the construction of Electrical Hairdressing apparatus of this kind—it will give a lifetime of satisfactory service.

Specify voltage and current when ordering, if alternating current, the number of cycles must be mentioned. Also state whether heated by gas or electricity.

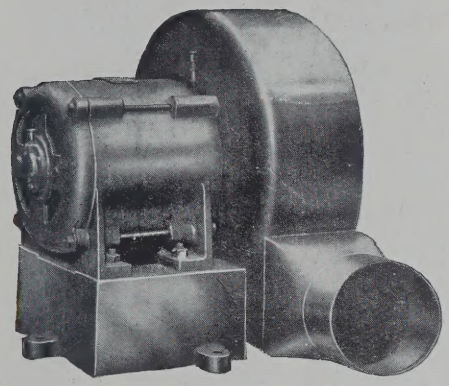


| WEIGHT | CODE WORD |
|---|---|
| 69 lbs. | "Champion" |

PRICE. £18 18 0 D.C. £19 19 0 A.C.

ICALL ELECTRICAL SPECIALITIES

# Central Hairdrying Installation



*The Electric Motor and Fan*

Hot Air, Electrically Heated or heated by Gas for drying Hair, as used in large Hairdressing Establishments.

**Air.** The Air is generated by a Blowing Motor (Turbine type) and the horse power of the Motor is in accordance with the number of cubicles required for each Installation, but not under ½ h.p. This Motor being of the Industrial type is capable of working continuously for 8 to 10 hours without over-heating.

**Heating.** The Heating is done by Gas or Electricity; in either case the air is heated at the Nozzle end of the Flexible Pipe, in this way maintaining all the Installation in a cold state.

**Electrically Heated** by means of a robust electric heating element, fitted at the Nozzle end of Flexible Pipe.

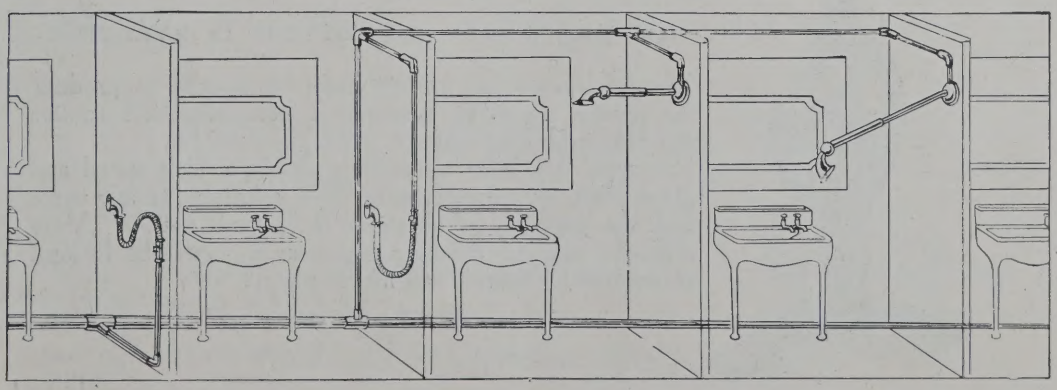
**Gas Heated** by means of our patent Gas Burner, fitted at the Nozzle end of Flexible Pipe.

**Starting Motor.** Unless otherwise ordered the Installation is supplied with an automatic Starter, and the Motor can be started or stopped from any single cubicle independent of the others.

The Central Drying Installation consists of the following:—

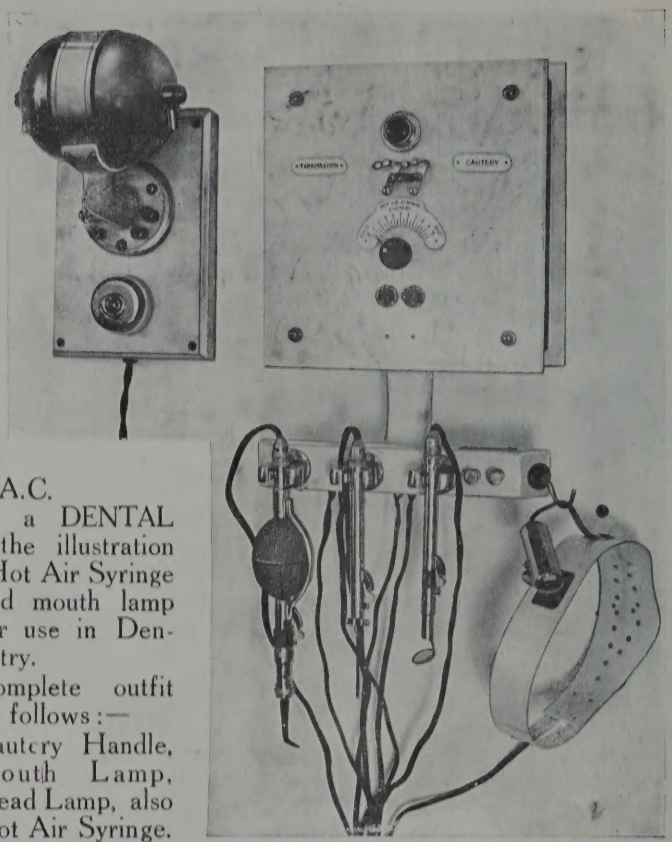
1. One Blowing Motor, as above.
2. One Automatic Starter, as above.
3. Complete assortment of Piping for carrying and distributing the air from the Motor to the different cubicles.
   The Piping Installation is scientifically made with large diameter Tubes starting from the Motor, and gradually reducing the diameter of same as tappings are taken out, so that an even pressure of air is maintained at every Cubicle, and back pressure eliminated. The Piping is made of Sheet Iron Tubes, lead covered.
4. **Cubicle Fittings.** These are nickel plated or polished aluminium, fitted with Air Regulating Valve and Heat-controlling Switch. They are of elegant appearance, easy to control, take little space and are fool-proof.
   These fittings are installed to suit clients' requirements, either upright, downward, or horizontal position, and also overhead, with self-supported Telescopic fitting.

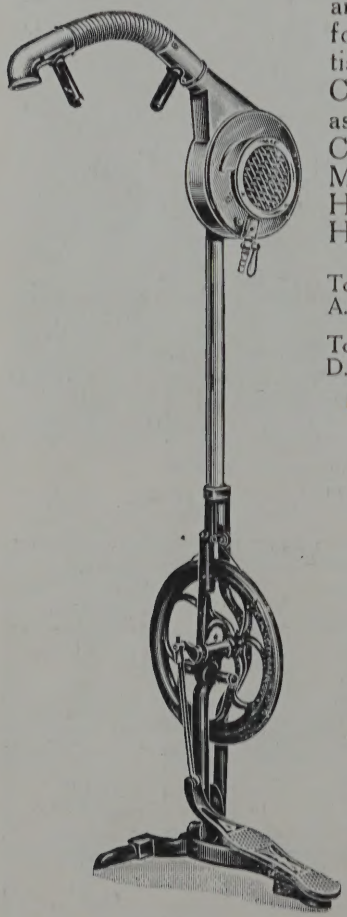
PRICE of the complete Installation, including fitting, about **£13** per cubicle. Minimum of Cubicles; 6. For more or less Cubicles, prices on application. Exact quotation will be given upon receipt of particulars, measurements and plan of premises.
We supply, also, our Central Hairdrying Installation to be fitted by local engineer; in this case every fitting pipe is numbered. A working diagram is supplied with the Installation upon receipt of plan of premises. Prices on application.



# Combined Apparatus for Cautery and Surgical Lamp

This apparatus is quite convenient for all cautery burners used for the throat, nose, ear and eye operations, also for all types of surgical lamps.
Where Direct current only is available, the motor combination on the side of the illustration is utilised to convert the current to A.C.
The Switchboard is also a DENTAL COMBINATION and as the illustration shows, can be fitted with a Hot Air Syringe and mouth lamp for use in Dentistry.
Complete outfit as follows:—
Cautery Handle, Mouth Lamp, Head Lamp, also Hot Air Syringe.





| | WEIGHT | CODE WORD | PRICE |
|---|---|---|---|
| To work from A.C. ... ... | 28 lbs. | "Dentala" | £10 10 0 |
| To work from D.C. ... ... | 38 lbs. | "Dentolde" | £14 0 0 |

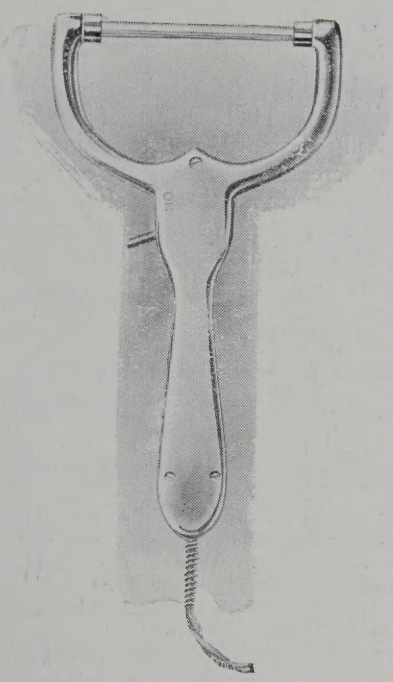
# The "Non-Electric" Pedestal Hairdryer

## for use where no current is available

This Hairdryer has a foot motor or treadle to produce the power, which by means of a concealed belt rotates the fan inside the drum.
Requires very little effort to maintain a high speed and gives off a substantial draft. It is adjustable to any angle and the hot air is obtained by a gas burner. Very efficient and of pleasing appearance. All the fittings, above the fly wheel, are nickel plated.

PRICE £12 12 0

| HEIGHT | APPROX. WEIGHT | DIAM. OF DRUM | CODE WORD |
|---|---|---|---|
| 4-ft. 3-ins. | 28 lbs. | 8-ins. | "Nolectric" |



# Singeing by Electricity

A useful invention which prevents the danger from flames as in the ordinary way of singeing with tapers.

Consumes only 40 watts or about a farthing per hour.

In ten seconds of switching on, this little apparatus is hot enough to begin singeing in the same way, more or less, as with a taper. In singeing near the roots this apparatus has a great advantage over the taper, in that you can singe near the roots all over the head, whereas with the taper you may burn right off any small hairs which are outstanding. When the hair lies too flat, lift it slightly with the comb.

Can be used either for Ladies or Gentlemen.

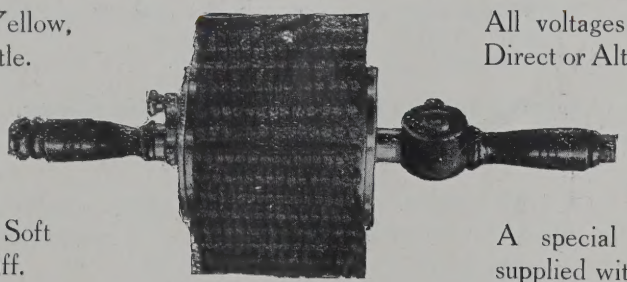
| CODE WORD | WEIGHT |
|---|---|
| "Singer" | 5 ozs. |

PRICE. Singeing Apparatus with 7 feet cord and adaptor **16/-**
If provided with switch, **3/6** extra.

# Electric Rotary Motor Brush

White, Black, Yellow, or Grey Bristle.

All voltages up to 250 volts. Direct or Alternating current.



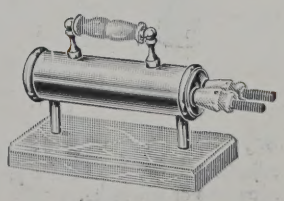
Brush supplied Soft Medium or Stiff.

A special bracket holder supplied with each machine.

| CODE WORD | WEIGHT | PRICE. |
|---|---|---|
| "Rotabrush" | 10¼ lbs. | Motor with 1½ in. Hair-Brush (medium) grey or black, and Stand ... ... ... **£10 10 0** |

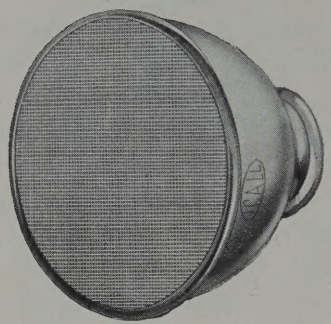
# Electric Curling-irons Stove

This heating apparatus will be found to be very convenient and reliable. It keeps the irons always clean and will advantageously replace the ordinary gas or spirit stoves. Finished nickel-plated and mounted on a white marble base with flexible plug or adaptor.



| CODE WORD | WEIGHT | |
|---|---|---|
| "Stovel" | 2½ lbs. | PRICE **22/-** |

# "Durr's" Diffuser for Pedestal Dryers



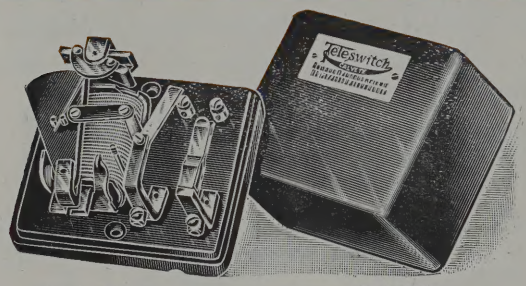
Patent No. 187,358

Very light in weight and highly polished, this attachment, which is made of aluminium, will fit the nozzle of a pedestal hair dryer. Scientifically designed, not to reduce the output of air, but to increase the area and reduce the pressure. Indispensable for drying the hair after setting, mostly in conjunction with permanent hair-waving work. Made to fit Halliwell's, Beyer's, Champion, and other dryers.

CODE WORD "Durr" — WEIGHT 5½ ozs.

PRICE. **12/-**

Specify the make of Hairdryer when ordering.




CODE WORD "Teleswitch" — WEIGHT 9½ ozs.

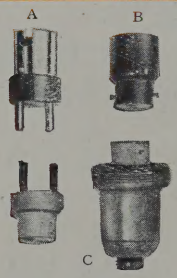
## The Teleswitch

This switch will enable any of your lamps to be controlled from as many points as desired.

The Teleswitch is a remote control switch of small size that is energized by two dry cells in order to use bell wire for the wiring, and bell pushes instead of Tumbler switches.

Its relay-like action makes or breaks an independant circuit which controls the lights. Only one push is required in each place.

PRICE. **15/6**




**Combination A.** Lamp holder and two-pin plug.

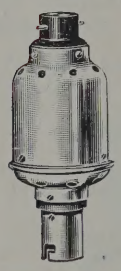
CODE WORD "Adaptora" — WEIGHT 1¼ ozs. — PRICE. **2/-**

**Combination B.** Two-pin socket and adaptor.

CODE WORD "Adaptorbe" — WEIGHT 1⅛ ozs. — PRICE. **2/-**

**Combination C.** Universal Adaptor, when connected to an apparatus it can be used either from a lamp holder or wall socket.

CODE WORD "Adaptorce" — WEIGHT 1⅝ ozs. — PRICE. **2/-**



**"Icall" Resistance.** A voltage reducer or "series" resistance for converting to high voltage, apparatus made for 100/110 volts.

It will advantageously replace the common lamp resistance ; invaluable for Vibro-massage and High Frequency apparatus.

Made in three ranges : 30, 50, 70 watts.

CODE WORD "Resistical" — WEIGHT 4½ ozs. — PRICE. **15/-**

## Repairs

We have a special workshop for repairs and a well trained staff, very competent in re-windings and mechanical adjustments, and can attend promptly to repairs of Hair Dryers, Vibros, High Frequency or other electrical apparatus of any make.

ICALL ELECTRICAL SPECIALITIES

# INDEX


| | Page |
|---|---|
| Accumulators | 12 |
| Actino-Therapy Arc Lamps | 25—26b |
| Applicators | 18 |
| Attachment for Nozzle of Hairdryers | 34 |
| Brush, Electric Rotary | 33 |
| Carbons for Arc Lamps | 26 |
| Cautery | 10, 32 |
| Central Hairdrying Installation | 31 |
| " Champion " Hairdryer | 30 |
| Chiropodists' Apparatus | 20 |
| Clipper | 20 |
| Combined Apparatus | 32 |
| Curling Iron Stove | 33 |
| Dental Combination | 32 |
| Diffusers | 29, 34 |
| Dosimeter | 13 |
| Douches for Hot air | 27—31 |
| Electrodes for H.F. | 15, 16 |
| Electrolysis | 24 |
| " Everay " | 6—14 |
| Faradic Apparatus | 24, 32 |
| Galvanic Apparatus | 24 |
| Hairdryers | 27—32 |
| High Frequency | 6—14 |
| Hot Air Douches | 27—31 |
| " Icalite " | 21—23 |
| " Icall " Hairdryer | 27—29 |
| " Icall " Resistance | 34 |
| " Icall " Vibro-Massage | 17—20 |
| Lamps for Radiant Therapy | 21—23 |
| Manicure Apparatus | 20 |
| Motor Brush | 33 |
| Motor " Icall " | 29 |
| Ozone Inhaler | 16 |
| Ozoniser | 13 |
| Pedestal Dryers | 30, 32 |
| Platinum Needles | 24 |
| Radiant Therapy | 21—23 |
| Remote Control Switch | 34 |
| Screens for " Icalite " | 21, 23 |
| Singeing | 33 |
| " Solart " | 25—26b |
| Stands | 23, 29 |
| Stove for Curling Irons | 33 |
| Surgical Lamp | 32 |
| Teleswitch | 34 |
| Ultra-Violet Apparatus | 25—26b |
| Vibro Massage | 17—20 |
| Violet Ray Apparatus | 6—14 |

# TERMS OF BUSINESS

PRICES.—Prices are subject to revision without notice ; all figures are based on the present cost of material and labour, and do not allow for contingencies. Any alteration in prices will be notified on confirmation of orders when possible, except in the case of Export orders, as this would entail delay.

DESPATCH.—All goods are sent at the risk of the Consignee and are despatched by the route we think most expeditious and secure ; this, of course, operates in the absence of specific instructions from the Customer. We do not insure goods sent by mail unless requested. Claims cannot be entertained after seven days from date of Advice Note.

PACKING.—Packing Cases will be charged for and credited in full, only on receipt of empties within ten days, in good condition, with packing material, carriage paid home. (Cardboard Boxes not included.)

ACCOUNTS.—Customers desiring to open a Ledger Account with us must furnish satisfactory Trade references ; when possible, we prefer two London Houses.

PAYMENT.—Accounts become due 30 days from date of invoice and are NETT. Cheques must be crossed " Barclays Bank, Ltd."

CASH DISCOUNT.—Payment on delivery—5 % discount.
„ in 15 days —2½% „

The foregoing discounts must be strictly adhered to, and unless payment is effected within the prescribed period, no deductions whatever are permitted, and any amount so deducted will be debited.

EXTENDED PAYMENTS.—If desired, we can arrange for deferred payments at a small extra charge.

DEFECTIVE APPARATUS.—No defect in the apparatus shall affect the terms of payment, which must be carried out in any event. The guarantee which we give with the apparatus covers all such questions as defects therein.

EXPORT.—Orders for goods to be exported must be accompanied by a remittance in full, or reference to an English Bank or other suitable agent who will accept responsibility for payment on presentation of invoice and shipping documents.

VARIATION FROM SPECIFICATION.—Descriptions and illustrations from the Catalogue must be taken only as approximate. It is to the advantage of the purchaser to receive instruments embodying the latest findings of research which will provide for more efficiency.

REPAIRS.—Goods sent for repair or inspection will be handled with every possible care, but we cannot accept responsibility whilst the goods are in our possession. A strong label must be attached showing owner's address, and we must be advised by separate letter. No claims can be entertained for articles left on our hands for more than six months after due notice has been sent.

ACCIDENTS.—Every piece of apparatus is tested before leaving our Works, but we, as manufacturers, cannot accept responsibility for any adverse result derived from their use ; the risk of accident is infinitesimal if precautions are adopted according to the instructions furnished with the apparatus.

DELIVERY.—The time given for delivery is to be reckoned from the date of receipt by us of a written order, and is contingent upon the absence of delays due to strikes, lock-outs, fire, accident, and other causes beyond our control.